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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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                 STN AnaVist, Version 1, to be discontinued
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         APR 04
NEWS
         APR 15
                 WPIDS, WPINDEX, and WPIX enhanced with new
                 predefined hit display formats
         APR 28
NEWS
                 EMBASE Controlled Term thesaurus enhanced
NEWS
     5
         APR 28
                 IMSRESEARCH reloaded with enhancements
NEWS
     6 MAY 30
                 INPAFAMDB now available on STN for patent family
                 searching
                 DGENE, PCTGEN, and USGENE enhanced with new homology
NEWS 7 MAY 30
                 sequence search option
NEWS 8 JUN 06
                 EPFULL enhanced with 260,000 English abstracts
NEWS
     9
         JUN 06
                 KOREAPAT updated with 41,000 documents
NEWS 10
         JUN 13
                 USPATFULL and USPAT2 updated with 11-character
                 patent numbers for U.S. applications
         JUN 19
                 CAS REGISTRY includes selected substances from
NEWS 11
                 web-based collections
NEWS 12
         JUN 25
                 CA/CAplus and USPAT databases updated with IPC
                 reclassification data
NEWS 13
         JUN 30
                 AEROSPACE enhanced with more than 1 million U.S.
                 patent records
NEWS 14
         JUN 30
                 EMBASE, EMBAL, and LEMBASE updated with additional
                 options to display authors and affiliated
                 organizations
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         JUN 30
                 STN on the Web enhanced with new STN AnaVist
                 Assistant and BLAST plug-in
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         JUN 30 STN AnaVist enhanced with database content from EPFULL
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         JUL 28 CA/CAplus patent coverage enhanced
NEWS 18 JUL 28 EPFULL enhanced with additional legal status
                 information from the epoline Register
NEWS 19
         JUL 28 IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS 20
        JUL 28 STN Viewer performance improved
NEWS 21
         AUG 01
                 INPADOCDB and INPAFAMDB coverage enhanced
NEWS 22
         AUG 13 CA/CAplus enhanced with printed Chemical Abstracts
                 page images from 1967-1998
NEWS 23
         AUG 15
                 CAOLD to be discontinued on December 31, 2008
NEWS 24
         AUG 15
                 CAplus currency for Korean patents enhanced
NEWS 25
                 CA/CAplus, CASREACT, and IFI and USPAT databases
         AUG 25
                 enhanced for more flexible patent number searching
NEWS 26 AUG 27
                 CAS definition of basic patents expanded to ensure
                 comprehensive access to substance and sequence
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information

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3, AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

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FILE 'HOME' ENTERED AT 10:59:43 ON 28 AUG 2008

=> file reg
COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.21 0.21

FULL ESTIMATED COST

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STRUCTURE FILE UPDATES: 26 AUG 2008 HIGHEST RN 1043895-06-2 DICTIONARY FILE UPDATES: 26 AUG 2008 HIGHEST RN 1043895-06-2

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TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

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http://www.cas.org/support/stngen/stndoc/properties.html

=>

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L1 STRUCTURE UPLOADED

=> s 11

SAMPLE SEARCH INITIATED 11:05:32 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 16413 TO ITERATE

12.2% PROCESSED 2000 ITERATIONS 0 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 320587 TO 335933 0 TO 0 PROJECTED ANSWERS:

0 SEA SSS SAM L1 T.2

=> s 11 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 177.90 U.S. DOLLARS DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y FULL SEARCH INITIATED 11:05:38 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 326259 TO ITERATE

100.0% PROCESSED 326259 ITERATIONS

9 ANSWERS

SEARCH TIME: 00.00.03

L3 9 SEA SSS FUL L1

=> file hcaplus

COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 182.50 182.71

FULL ESTIMATED COST

FILE 'HCAPLUS' ENTERED AT 11:05:44 ON 28 AUG 2008 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

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FILE COVERS 1907 - 28 Aug 2008 VOL 149 ISS 9 FILE LAST UPDATED: 27 Aug 2008 (20080827/ED)

HCAplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 13

1 L3 L4

=> d 14, ibib abs hitstr, 1

ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:409480 HCAPLUS

DOCUMENT NUMBER: 142:463610

TITLE: Preparation of pyridines as inhibitors of dipeptidyl

peptidase IV useful for the prophylaxis or treatment

of diabetes

INVENTOR(S): Oi, Satoru; Maezaki, Hironobu; Suzuki, Nobuhiro

PATENT ASSIGNEE(S): Takeda Pharmaceutical Company Limited, Japan

SOURCE: PCT Int. Appl., 431 pp.

CODEN: PIXXD2 DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PA'						KIND DATE			APPLICATION NO.									
WO	2005	0424	88					WO 2004-JP16457						20041029				
	W:	ΑE,	AG,	AL,	AM,	ΑT,	ΑU,	AZ,	BA,	BB,	BG,	BR,	BW,	BY,	BZ,	CA,	CH,	
		CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FΙ,	GB,	GD,	
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	RW:						MW,											
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CA 2543529									JP 2004-315517									
	1678								EP 2004-793377									
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CN	1886		,		,	,			,		,		,					1111
					A 20061227 A 20070116				BR 2004-15960									
MX	2006	PA03	979		A		2006	0705	MX 2006-PA3979						2	0060	407	
US	2007	0037	807		A1		2007	0215	MX 2006-PA3979 US 2006-577561						2	0060	428	
	2006		220		Α		2007	0427		IN 2	006-	KN12	20		2	0060	510	
NO	2006	0025																
KR	2008	0670	13		Α		2008	0717										
CIORIT	Y APP	LN.	INFO	.:									76		A 2	0031	031	
									JP 2004-30491						A 2	0040	206	
													77			0040		
										WO 2004-JP16457								
													23		A3 2	0060	429	
THER S	HER SOURCE(S):				CAS:	REAC	T 14	2:46	3610; MARPAT 142:463610									

GΙ

AB Title compds. I [wherein R1, R2 = independently (un)substituted hydrocarbyl, hydroxy; R3 = (un)substituted aryl; R4 = NH2 and derivs.; L = divalent hydrocarbon chain; Q = a bond or a divalent hydrocarbon chain; X = H, CN, NO2, acyl, OH and derivs., SH and derivs., NH2 and derivs., (un)substituted cyclyl; provided that when X = -C(:0)OEt, then Q = divalent hydrocarbon chain and that certain compds. are absent; and their salts, prodrugs] were prepared as dipeptidyl peptidase IV inhibitors. For example, Boc-protection of Me 5-(aminomethyl)-6-isobutyl-2-methyl-4-(4-methylphenyl)nicotinate (preparation given), saponification, coupling of the acid with

II

isobutylamine/deprotection gave II \bullet 2TFA. I show a superior dipeptidyl peptidase IV inhibitory activity, and are useful as agents for the prophylaxis or treatment of diabetes and related diseases.

IT 851579-86-7P, 4-[[5-(Aminomethyl)-6-isobutyl-2-methyl-4-(4methylphenyl)pyridin-3-yl]methyl]-2-piperazinone trihydrochloride
851579-88-9P, 3-[[5-(Aminomethyl)-6-isobutyl-2-methyl-4-(4methylphenyl)pyridin-3-yl]methyl]-2,4-imidazolidinedione dihydrochloride
851579-90-3P, 1-[[5-(Aminomethyl)-6-isobutyl-2-methyl-4-(4methylphenyl)pyridin-3-yl]methyl]-2,5-piperazinedione dihydrochloride
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)

(drug candidate; preparation of pyridines as inhibitors of dipeptidyl peptidase IV useful for prophylaxis or treatment of diabetes) 851579-86-7 HCAPLUS

2-Piperazinone, 4-[[5-(aminomethyl)-2-methyl-4-(4-methylphenyl)-6-(2-methylpropyl)-3-pyridinyl]methyl]-, hydrochloride (1:3) (CA INDEX NAME)

RN

CN

●3 HC1

RN 851579-88-9 HCAPLUS

CN 2,4-Imidazolidinedione, 3-[[5-(aminomethyl)-2-methyl-4-(4-methylphenyl)-6-(2-methylpropyl)-3-pyridinyl]methyl]-, hydrochloride (1:2) (CA INDEX NAME)

●2 HC1

RN 851579-90-3 HCAPLUS

CN 2,5-Piperazinedione, 1-[[5-(aminomethyl)-2-methyl-4-(4-methylphenyl)-6-(2-methylpropyl)-3-pyridinyl]methyl]-, hydrochloride (1:2) (CA INDEX NAME)

RN CN

$$\begin{array}{c|c} \text{CH}_2-\text{NH}_2 & \text{O} \\ \text{i-Bu} & \text{R} & \text{NH} \\ \text{N} & \text{CH}_2-\text{N} & \text{NH} \\ \text{Me} & \text{O} \end{array}$$

●2 HC1

IT 851579-87-8P, tert-Butyl [[2-isobutyl-6-methyl-4-(4-methylphenyl)-5-[(3-oxo-1-piperazinyl)methyl]pyridin-3-yl]methyl]carbamate 851579-89-0P, tert-Butyl [[5-[(2,5-dioxo-1-imidazolidinyl)methyl]-2-isobutyl-6-methyl-4-(4-methylphenyl)pyridin-3-yl]methyl]carbamate 851579-91-4P, tert-Butyl [[5-[(2,5-dioxo-1-piperazinyl)methyl]-2-isobutyl-6-methyl-4-(4-methylphenyl)pyridin-3-yl]methyl]carbamate RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate; preparation of pyridines as inhibitors of dipeptidyl peptidase IV useful for prophylaxis or treatment of diabetes) 851579-87-8 HCAPLUS

Carbamic acid, [[6-methyl-4-(4-methylphenyl)-2-(2-methylpropyl)-5-[(3-oxo-1-piperazinyl)methyl]-3-pyridinyl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 851579-89-0 HCAPLUS

CN Carbamic acid, [[5-[(2,5-dioxo-1-imidazolidinyl)methyl]-6-methyl-4-(4-methylphenyl)-2-(2-methylpropyl)-3-pyridinyl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} H & O \\ \hline O & N \\ O & CH_2 \\ \hline Me & Me \\ \hline Me & CH_2-NH-C-OBu-t \\ \hline i-Bu & O \\ \end{array}$$

RN 851579-91-4 HCAPLUS

CN Carbamic acid, [[5-[(2,5-dioxo-1-piperazinyl)methyl]-6-methyl-4-(4-methylphenyl)-2-(2-methylpropyl)-3-pyridinyl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> file caold COST IN U.S. DOLLARS	SINCE FILE	TOTAL
FULL ESTIMATED COST	ENTRY 8.14	SESSION 190.85
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.80	-0.80

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FILE COVERS 1907-1966 FILE LAST UPDATED: 01 May 1997 (19970501/UP)

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FILE 'REGISTRY' ENTERED AT 10:59:49 ON 28 AUG 2008

L1 STRUCTURE UPLOADED

L2 0 S L1

L3 9 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 11:05:44 ON 28 AUG 2008 L4 1 S L3

FILE 'CAOLD' ENTERED AT 11:06:26 ON 28 AUG 2008

=> s 13

L5 0 L3

=> file reg

COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.46 191.31

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE TOTAL TOTAL

ENTRY SESSION
CA SUBSCRIBER PRICE 0.00 -0.80

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STRUCTURE FILE UPDATES: 26 AUG 2008 HIGHEST RN 1043895-06-2 DICTIONARY FILE UPDATES: 26 AUG 2008 HIGHEST RN 1043895-06-2

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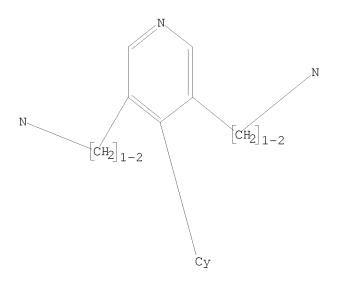
http://www.cas.org/support/stngen/stndoc/properties.html

=>

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L6 STRUCTURE UPLOADED

=> d 16 L6 HAS NO ANSWERS L6 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 16 SAMPLE SEARCH INITIATED 11:09:54 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 16413 TO ITERATE

12.2% PROCESSED 2000 ITERATIONS INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE** BATCH **COMPLETE**

PROJECTED ITERATIONS: 320587 TO 335933 PROJECTED ANSWERS: 0 TO 0

0 SEA SSS SAM L6 L7

=> s 16 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 177.90 U.S. DOLLARS DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y FULL SEARCH INITIATED 11:09:58 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 326259 TO ITERATE

100.0% PROCESSED 326259 ITERATIONS

9 ANSWERS

SEARCH TIME: 00.00.02

L8 9 SEA SSS FUL L6

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STRUCTURE UPLOADED

=> s 19

SAMPLE SEARCH INITIATED 11:12:57 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 177720 TO ITERATE

1.1% PROCESSED 2000 ITERATIONS INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED) 1 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE** BATCH **INCOMPLETE**

PROJECTED ITERATIONS: 3529569 TO 3579231 PROJECTED ANSWERS: 1212 TO 2342

1 SEA SSS SAM L9 L10

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L11 STRUCTURE UPLOADED

=> s 111

SAMPLE SEARCH INITIATED 11:14:39 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 13745 TO ITERATE

14.6% PROCESSED 2000 ITERATIONS INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED) SEARCH TIME: 00.00.01

1 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 267876 TO 281924

PROJECTED ANSWERS:

1 TO 294

1 SEA SSS SAM L11 T.12

=> s 111 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 177.90 U.S. DOLLARS DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y FULL SEARCH INITIATED 11:14:43 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 277843 TO ITERATE

100.0% PROCESSED 277843 ITERATIONS

19 ANSWERS

SEARCH TIME: 00.00.04

L13 19 SEA SSS FUL L11

=> file hcaplus

COST IN U.S. DOLLARS SINCE FILE TOTAL ENTRY SESSION 362.24 553.55 FULL ESTIMATED COST DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL ENTRY SESSION 0.00 CA SUBSCRIBER PRICE -0.80

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=> s 113

7 L13 L14

=> d his

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(FILE 'HOME' ENTERED AT 10:59:43 ON 28 AUG 2008)
     FILE 'REGISTRY' ENTERED AT 10:59:49 ON 28 AUG 2008
                STRUCTURE UPLOADED
L1
L2
              0 S L1
L3
              9 S L1 FULL
     FILE 'HCAPLUS' ENTERED AT 11:05:44 ON 28 AUG 2008
L4
              1 S L3
     FILE 'CAOLD' ENTERED AT 11:06:26 ON 28 AUG 2008
L5
              0 S L3
     FILE 'REGISTRY' ENTERED AT 11:06:32 ON 28 AUG 2008
                STRUCTURE UPLOADED
L6
L7
              0 S L6
L8
              9 S L6 FULL
L9
                STRUCTURE UPLOADED
L10
              1 S L9
                STRUCTURE UPLOADED
L11
L12
              1 S L11
L13
             19 S L11 FULL
     FILE 'HCAPLUS' ENTERED AT 11:14:50 ON 28 AUG 2008
             7 S L13
L14
=> s 114 not 14
           6 L14 NOT L4
L15
\Rightarrow s 115 and oi, s?/au
           370 OI, S?/AU
             0 L15 AND OI, S?/AU
L16
=> s 115 and maezaki, h?/au
            12 MAEZAKI, H?/AU
L17
             0 L15 AND MAEZAKI, H?/AU
=> s 115 and suzuki, n?/au
          8821 SUZUKI, N?/AU
L18
             0 L15 AND SUZUKI, N?/AU
=> d 115, ibib abs hitstr, 1-6
L15 ANSWER 1 OF 6 HCAPLUS COPYRIGHT 2008 ACS on STN
                         2001:278024 HCAPLUS
ACCESSION NUMBER:
DOCUMENT NUMBER:
                          134:311111
TITLE:
                         Preparation of substituted biphenyls as glucagon
                          receptor antagonists
INVENTOR(S):
                          Schoen, William R.; Ladouceur, Gaetan H.; Cook, James
                          H., II; Lease, Timothy G.; Wolanin, Donald J.; Kramss,
                          Richard H.; Hertzog, Donald L.; Osterhout, Martin H.
PATENT ASSIGNEE(S):
                         Bayer Corporation, USA; Bayer A.-G.
                         U.S., 156 pp.
CODEN: USXXAM
SOURCE:
DOCUMENT TYPE:
                         Patent
LANGUAGE:
                         English
```

FAMILY ACC. NUM. COUNT: 1 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6218431	В1	20010417	US 1997-904119	19970731
PRIORITY APPLN. INFO.:			US 1997-904119	19970731
OTHER SOURCE(S):	MARPAT	134:311111		
GI				

$$R^3$$
 R^2
 R^{1a}
 R^{1b}

AΒ Substituted biphenyls I [R1a, R1b = alkyl; R2 = alkyl with substituents from 1 to 3 of SR7; R7 = Ph, or substituted Ph wherein the substituents are independently 1-5 of halogen, trifluoromethyl, alkyl, alkoxy, nitro, cyano, hydroxyl; R3 = alkyl with substituents of 1-2 hydroxyl groups; G represents a substituent selected from the group consisting of halogen, alkyl, OR4 with R4 = H, alkyl; y = 0-3], glucagon receptor antagonists. E.g., reduction of 2-cyclopentyl-6-ethyl-4-(4-fluorophenyl)-3-(3-fluorophenyl)trifluoromethylbenzyloxymethyl)pyridine-5-carboxylic acid Et ester with LiAlH4 gave 76.5% 2-cyclopentyl-6-ethyl-4-(4-fluorophenyl)-5-hydroxymethyl-3-(3-trifluoromethylbenzyloxymethyl)pyridine.

124894-12-8P 202853-91-6P 202853-92-7P ΙT 202853-93-8P 202853-95-0P 202853-96-1P 202853-97-2P

> RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

> (preparation of substituted biphenyls as glucagon receptor antagonists) 124894-12-8 HCAPLUS

RN

CN 3-Pyridinemethanol, 4-(4-fluorophenyl)-2,6-bis(1-methylethyl)-5-(4morpholinylmethyl) - (CA INDEX NAME)

10577561

RN 202853-91-6 HCAPLUS

CN 3-Pyridinemethanol, 4-(4-fluorophenyl)-2,6-bis(1-methylethyl)-5-(1-piperidinylmethyl)- (CA INDEX NAME)

RN 202853-92-7 HCAPLUS

CN 3-Pyridinemethanol, 4-(4-fluorophenyl)-2,6-bis(1-methylethyl)-5-(1-pyrrolidinylmethyl)- (CA INDEX NAME)

RN 202853-93-8 HCAPLUS

CN 3-Pyridinemethanol, 4-(4-fluorophenyl)-2,6-bis(1-methylethyl)-5-[(4-phenyl-1-piperidinyl)methyl]- (CA INDEX NAME)

RN 202853-95-0 HCAPLUS

CN 3-Pyridinemethanol, 5-([1,4'-bipiperidin]-1'-ylmethyl)-4-(4-fluorophenyl)-2,6-bis(1-methylethyl)- (CA INDEX NAME)

10577561

RN 202853-96-1 HCAPLUS

CN 3-Pyridinemethanol, 4-(4-fluorophenyl)-2,6-bis(1-methylethyl)-5-[(4-phenyl-1-piperazinyl)methyl]- (CA INDEX NAME)

RN 202853-97-2 HCAPLUS

CN 3-Pyridinemethanol, 4-(4-fluorophenyl)-5-(1H-imidazol-1-ylmethyl)-2,6-bis(1-methylethyl)- (CA INDEX NAME)

$$\begin{array}{c|c} N & & \\ N & & \\ CH_2 & & F \\ \hline N & & \\ CH_2-OH & \\ i-Pr & & \end{array}$$

REFERENCE COUNT:

36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 2 OF 6 HCAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 1999:529133 HCAPLUS

10577561

DOCUMENT NUMBER: 131:157711

TITLE: Preparation of pyridinecarboxylates and analogs as

cholesteryl ester transfer protein inhibitors

INVENTOR(S): Lee, Len F.; Glenn, Kevin C.; Connolly, Daniel T.; Corley, David G.; Flynn, Daniel L.; Hamme, Ashton;

Hegde, Shridhar G.; Melton, Michele A.; Schilling,

Roger J.; Sikorski, James A.; Wall, Nancy N.;

Zablocki, Jeffrey A.

PATENT ASSIGNEE(S): G.D. Searle and Co., USA SOURCE: PCT Int. Appl., 327 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PA	PATENT NO.						KIND DATE			APPLICATION NO.						DATE		
WC	9941	 237			A1 19990819			WO 1999-US1871						19990211				
	W:	AL,	AM,	AT,	ΑU,	AZ,	BA,	BB,	BG,	BF	R, BY	, CA,	CH,	CN,	CU	, CZ,	DE,	
		DK,	EE,	ES,	FI,	GB,	GD,	GE,	GH,	GM:	1, HR	, HU,	ID,	IL,	ΙN	, IS,	JP,	
		KE,	KG,	KP,	KR,	KΖ,	LC,	LK,	LR,	LS	, LT	, LU,	LV,	MD,	MG	, MK,	MN,	
		MW.	MX,	ио,	NZ,	PL,	PT,	RO,	RU,	SI	SE	, SG,	SI,	SK,	SL	, IJ,	TM,	
																, MD,		
			TM	,	,	•	,	•	•		,	,	•	- *		, ,	,	
	RW:	,		KE,	LS,	MW.	SD,	SZ,	UG,	ΖW	I. AT	, BE,	CH,	CY,	DE	, DK,	ES,	
																, cg,		
		•	•	•	•	,	MR,		•		•		·	,		,	,	
ΑU	J 9932	,	,	- ,		,	,	,	,		•	-3285	4			19990	211	
US	6605	624			В1	2003	0812	US 2000-600870										
US	2004	0038	939		A1		2004	0226		US	2003	-4039	0.3			20030	331	
	6794						2004	0921										
US	2004	0220	231		A1		2004			US	2004	-8529	75			20040	525	
PRIORIT	Y APP	LN.	INFO	. :						US	1998	-7458	6P		Р	19980	213	
										WO	1999	-US18	71			19990	211	
												-6008				20001		
												-4039	-			20030		
OTHER S	OTHER SOURCE(S):					PAT	131:	1577			_,,,		• •			_ : : : : :		

GΙ

AB Title compds. [I; R2,R6 = H, OH, (fluoro)alkyl, alkoxy, etc.; R3 = OH, CHO, alkoxycarbonyl, (hetero)arylcarbonyl, etc.; R5 = H, halo, alkyl, alkoxy, etc.; R5 = H, halo, alkyl, alkoxy(carbonyl), etc.] were prepared Thus, CF3C(NH2):C(CO2Me)COMe was refluxed with Ac2O/HC(OMe)3 and the

product converted in 2 steps to I (R2 = CF3, R3 = CO2Me, R4 = OCHMe2, R5 = R6 = H). Data for biol. activity of I were given.

IT 237759-85-2P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of pyridinecarboxylates and analogs as cholesteryl ester transfer protein inhibitors)

RN 237759-85-2 HCAPLUS

CN 3-Pyridinemethanol, 6-(difluoromethyl)-4-phenyl-5-(1-pyrrolidinylmethyl)-2- (trifluoromethyl)- (CA INDEX NAME)

REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 3 OF 6 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1998:105938 HCAPLUS

DOCUMENT NUMBER: 128:167354
ORIGINAL REFERENCE NO.: 128:32985a

TITLE: Preparation of substituted pyridines and biphenyls as

anti-hypercholesteremic, anti-hyperlipoproteinemic and

anti-hyperglycemic agents

INVENTOR(S): Schmidt, Gunter; Angerbauer, Rolf; Brandes, Arndt;

Muller-Gliemann, Matthias; Bischoff, Hilmar; Schmidt, Delf; Wohlfeil, Stefan; Schoen, William R.; Ladouceur,

Gaetan H.; Cook, James H., II; Lease, Timothy G.; Wolanin, Donald J.; Kramss, Richard H.; Hertzog,

Donald L.; Osterhout, Martin H.

PATENT ASSIGNEE(S): Bayer Corporation, USA; Bayer Aktiengesellschaft

SOURCE: PCT Int. Appl., 431 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND DATE	E APPL	ICATION NO.	DATE		
WO 9804528	A2 1998	30205 WO 19	997-US13248	19970729		
WO 9804528	A3 1999	91111				
W: AL, AM, AT,	AU, AZ, BA,	BB, BG, BR,	BY, CA, CH, CN,	CU, CZ, DE,		
DK, EE, ES,	FI, GB, GE,	GH, HU, IL,	IS, JP, KE, KG,	KP, KR, KZ,		
LC, LK, LR,	LS, LT, LU,	LV, MD, MG,	MK, MN, MW, MX,	NO, NZ, PL,		
PT, RO, RU,	SD, SE, SG,	SI, SK, SL,	TJ, TM, TR, TT,	UA, UG, UZ,		
VN, YU, ZW						

	RW:											, СН,					
									PT,	SE	, BF	, BJ,	CF,	CG,	CI,	CM,	GA,
		GN,	ML,	MR,	NΕ,												
CA	2262	434			A1							-2262				9970	
AU	9738						1998	0220				-3897				9970	729
ZA	9706	730			Α		1999	0729	2	ZA	1997-	-6730			1	9970	729
EP	9342	-			A1							-9362					
	R:	ΑT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR	I, IT	LI,	LU,	NL,	SE,	MC,	PT,
		IE,															
	1239				А		1999	1222	(CN	1997-	-1982	58		1	9970	729
TR	9902	325			Т2		2000	0221				-2325				9970	729
TR	9902	326			Τ2		2000	0522	7	ΓR	1999-	-2326			1	9970	729
NZ	3339	51					2000	0929	1	1Z	1997-	-3339	51		1	9970	729
BR	9710	637			A		2000	1031	E	3R	1997-	-1063	7		1	9970	729
HU	2001	0003.	24		A2		2001	0528	F	UF	2001-	-324			1	9970	729
HU	2001	0003	24		А3		2001	0628									
	2001.				T		2001	0821	·	JΡ	1998-	-5090	68		1	9970	729
RU	2195	443			C2		2002	1227	F	RU	1999-	-1045	27		1	9970	729
	5203						2003	0211	7	ΓW	1997-	-8611	0851		1	9970	729
NO	9900	399			А		1999	0329	1	10	1999-	-399			1	9990	128
NO	3141	43			В1		2003	0203									
KR	2000	0297.	23		А		2000	0525	F	ΚR	1999-	-7008	26		1	9990	130
IN	19991	DE01	499		Α		2005	0701]	ΙN	1999-	-DE14	99		1	9991	119
PRIORIT?	Y APP	LN.	INFO	.:					J	JS	1996-	-6901	11		A 1	9960	731
]	ΙN	1997-	-DE20	99			9970	
									V	VΟ	1997-	-US13	248	1	₩ 1	9970	729

OTHER SOURCE(S): GI

MARPAT 128:167354

AB The title compds. [I (A = (un)substituted C6-10 aryl; D = up to 8 carbon atoms alkyl which is substituted by hydroxy; E, L = (un)substituted up to 8 carbon atoms alkyl; L = (un)substituted C6-10 aryl; T = R7X, R8C(R9)(R10); R7, R8 = cycloalkyl, aryl, etc.; R9, R10 = H, halo, N3, etc.), II (R1 = cycloalkyl, aryl, etc.; E, D = alkyl (up to 8 carbon atoms); E = a bond; V = O, S, NH, etc.), III (R1a, R1b = CF3, C1-10 alkyl,

ΙT

RN

CN

C1-10 alkenyl, etc.; R2 = C1-10 alkyl, C1-10 alkenyl, etc.; R3 = OH, CF3, C1-6 alkanoyl, etc.; Ar = (un)substituted heteroaryl, aryl), IV], useful for the inhibition of cholesterol ester transfer proteins (CETP) (I), for the treatment of hyperlipoproteinemia (II), and for inhibition of the glucagon receptor, leading to treatment of glucagon-mediated conditions such as diabetes (III-IV), were prepared Thus, reduction of Et 2,6-diisopropyl-4-(4-fluorophenyl)-3-[(4-fluorophenyl)chloromethyl]pyridine-5-carboxylate (preparation described) with LiAlH4 in THF afforded 69% I [A = 4-FC6H4; D = CH2OH; E = L = iPr; T = 4-FC6H4CH2]. For example, compound I [A = 4-FC6H4; D = CH2OH; E = L = iPr; T =4-FC6H4CH(NH2)] showed IC50 of 0.6 μ M against CETP. 124894-12-8P 202853-91-6P 202853-92-7P 202853-93-8P 202853-95-0P 202853-96-1P 202853-97-2P RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of substituted pyridines and biphenyls as antihypercholesteremic, anti-hyperlipoproteinemic and anti-hyperglycemic agents) 124894-12-8 HCAPLUS 3-Pyridinemethanol, 4-(4-fluorophenyl)-2,6-bis(1-methylethyl)-5-(4-fluorophenyl)

HO-CH₂

i-Pr

N

Pr-i

morpholinylmethyl) - (CA INDEX NAME)

RN 202853-91-6 HCAPLUS
CN 3-Pyridinemethanol, 4-(4-fluorophenyl)-2,6-bis(1-methylethyl)-5-(1-piperidinylmethyl)- (CA INDEX NAME)

RN 202853-92-7 HCAPLUS
CN 3-Pyridinemethanol, 4-(4-fluorophenyl)-2,6-bis(1-methylethyl)-5-(1-pyrrolidinylmethyl)- (CA INDEX NAME)

RN 202853-93-8 HCAPLUS

CN 3-Pyridinemethanol, 4-(4-fluorophenyl)-2,6-bis(1-methylethyl)-5-[(4-phenyl-1-piperidinyl)methyl]- (CA INDEX NAME)

RN 202853-95-0 HCAPLUS

CN 3-Pyridinemethanol, 5-([1,4'-bipiperidin]-1'-ylmethyl)-4-(4-fluorophenyl)-2,6-bis(1-methylethyl)- (CA INDEX NAME)

RN 202853-96-1 HCAPLUS

CN 3-Pyridinemethanol, 4-(4-fluorophenyl)-2,6-bis(1-methylethyl)-5-[(4-phenyl-1-piperazinyl)methyl]- (CA INDEX NAME)

RN 202853-97-2 HCAPLUS

CN 3-Pyridinemethanol, 4-(4-fluorophenyl)-5-(1H-imidazol-1-ylmethyl)-2,6-bis(1-methylethyl)- (CA INDEX NAME)

$$\begin{array}{c|c} N & & \\ N & & \\ \text{CH}_2 & & \\ \text{CH}_2 - \text{OH} \\ & \text{i-Pr} \end{array}$$

L15 ANSWER 4 OF 6 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1997:9205 HCAPLUS

DOCUMENT NUMBER: 126:47112

ORIGINAL REFERENCE NO.: 126:9285a,9288a

TITLE: 2-Ureidobenzamide derivatives useful as

acyl-CoA:cholesterol acyltransferase inhibitors
INVENTOR(S): Binet, Jean; Guffroy, Christian; Kasai, Hirotaka;

Wagatsuma, Nagatoshi

PATENT ASSIGNEE(S): Grelan Pharmaceutical Co., Ltd., Japan; Laboratoires

Fournier SA

SOURCE: Eur. Pat. Appl., 32 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 742208	A1	19961113	EP 1995-401049	19950505

	R:	FR														
CA	2194	481			A1	1996	51107	CA	1996-	-2194	181		1	9960	427	
WO	96348	856			A1	1996	51107	WO	1996-	-EP183	36		1	9960	427	
	W:	AU.	CA.	HU.	JP.	KR, NO	US									
			,	,	•	DK, ES,		FR, G	B, GR,	IE.	IT.	LU.	MC,	NL.	PT,	SE
AU	96576		,	- ,	Α		51121	•	1996-			- '		9960		
EP	76900	07			A1	199	70423	EP	1996-	-9141	73		1	9960	427	
	R:	BE,	CH,	DE,	DK,	ES, FI	FR,	GB, I	E, IT,	LI,	NL,	SE				
HU	97000	005	,	,	A2		•	•	1997-	•	,		1	9960	427	
HU	97000	005			А3	1998	30728									
JP	1050	6922			Τ	1998	30707	JP	1996-	-53300	7		1	9960	427	
JP	10120	0644			А	1998	30512	JP	1996-	-29596	58		1	9961	018	
JP	3930	081			В2	200	70613									
NO	9605	459			A	1996	51218	ИО	1996-	-5459			1	9961.	218	
US	58723	115			A	1999	90216	US	1996-	-76531	l 4		1	9961.	230	
PRIORITY	APP	LN.	INFO	. :				EP	1995-	-40104	19	Z	A 1	9950	505	
								WO	1996-	-EP183	36	V	v 1	9960	427	
OTHED CO	ALID CE	/C).			MADD	лт 106	. 4711	2								

OTHER SOURCE(S): MARPAT 126:47112

AB The invention relates to 2-ureidobenzamide compds. I [R1 = H, halo, alkyl, alkoxy, dialkylamino; R2 = H, halo, OH, nitro, alkyl, alkoxy, or (CH2)0-2NR3R4; R3, R4 = H, alkyl, alkylsulfonyl, alkylcarbamoyl; or NR3R4 form pyrrolidine, piperidine, morpholine, imidazole, or pyrazole ring; X = alkyl or (CH2)1-4NR5R6; R5, R6 = H, alkyl, alkoxycarbonyl; Y = H, alkyl; Z = N-substituted pyrrolidinyl or piperidinyl radicals with an optional alkylene or (cyclo)alkylidene linker; or NYZ = imidazolidino or (homo)piperazino bearing a Ph, CHPh2, or (un)substituted dibenzocycloheptenyl group on the second N atom] and their pharmaceutically acceptable acid addn salts. The compds. are

acyl-CoA:cholesterol acyltransferase (ACAT) inhibitors, useful for the prevention and treatment of disorders and diseases such as atherosclerosis. Examples include 61 syntheses and 2 standard formulations. For instance, amidation of 5-(dimethylamino)-2-nitrobenzoic acid with 4-(aminomethyl)-1-(diphenylmethyl)piperidine (47%), hydrogenation of the nitro group (100%), N-acylation of the resultant amino group with ClCO2Ph, and aminolysis of the carbamate with n-heptylamine (62%), gave title compound II. The IC50 of II for ACAT inhibition from 2 in vitro bioassays (microsome and intact cell) was 0.6 and 0.007 μM , resp., and the activity in a mouse peritoneal macrophage assay was higher than the known compds. E5324 and CI976.

IT 184780-23-2P 184780-24-3P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of ureidobenzamide derivs. as ACAT inhibitors)

RN 184780-23-2 HCAPLUS

CN Benzamide, N-[1-[[4-(4-fluorophenyl)-5-(methoxymethyl)-2,6-bis(1-methylethyl)-3-pyridinyl]methyl]-4-piperidinyl]-2[[(heptylamino)carbonyl]amino]- (CA INDEX NAME)

RN 184780-24-3 HCAPLUS

CN Benzamide, N-[1-[[4-(4-fluorophenyl)-5-(methoxymethyl)-2,6-bis(1-methylethyl)-3-pyridinyl]methyl]-4-piperidinyl]-2[[(octylamino)carbonyl]amino]- (CA INDEX NAME)

L15 ANSWER 5 OF 6 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1993:428008 HCAPLUS

DOCUMENT NUMBER: 119:28008

ORIGINAL REFERENCE NO.: 119:5188h,5189a

TITLE: 7-(polysubstituted pyridyl)-6-heptenoates useful for

treating hyperproteinaemia, lipoproteinaemia or

arteriosclerosis

INVENTOR(S): Angerbauer, Rolf; Fey, Peter; Huebsch, Walter;

Philipps, Thomas; Bischoff, Hilmar; Petzinna, Dieter;

Schmidt, Delf; Thomas, Guenter

PATENT ASSIGNEE(S): Bayer A.-G., Germany

SOURCE: U.S., 63 pp. Cont.-in-part of U.S. 5,006,530.

CODEN: USXXAM

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE		
				_		
US 5169857	A	19921208	US 1990-627086		19901213	
DE 3801406	A1	19890727	DE 1988-3801406		19880120	
DD 283400	A5	19901010	DD 1989-325090		19890117	
US 5006530	A	19910409	US 1989-298549		19890117	
ZA 8900429	A	19900228	ZA 1989-429		19890119	
HU 52053	A2	19900628	HU 1989-5141		19890119	
US 5401746	A	19950328	US 1992-916928		19920720	
PRIORITY APPLN. INFO.:			DE 1988-3801406	Α	19880120	
			IT 1988-21317	Α	19880711	
			US 1989-298549	Α2	19890117	
			US 1990-627086	АЗ	19901213	

OTHER SOURCE(S): CASREACT 119:28008; MARPAT 119:28008

GI

AB Substituted pyridine derivs., (E)-3,5-dihydroxy-7-(4-phenyl-3-pyridyl)-6-heptenoates, are claimed. The use of these compds. for the treatment of hyperlipoproteinemia, lipoproteinemia, or arteriosclerosis is claimed. Also claimed is Me (E)-erythro-7-[2-(4-fluorophenyl)-4-isopropyl-5-(methoxymethyl)-6-methyl-3-pyridyl]-3,5-dihydroxy-6-heptenoate (I). I was prepared from Et 2-(4-fluorophenyl)-5-(methoxymethyl)-6-methyl-3-pyridinecarboxylate. The compds. thus prepared are inhibitors of cholesterol synthesis (no data).

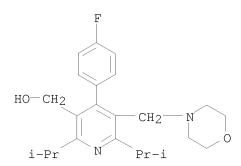
IT 124894-12-8P

RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of, as intermediate for dihydroxy(phenylpyridyl)heptenoate (anticholesteremic and antiarteriosclerotic))

RN 124894-12-8 HCAPLUS

CN 3-Pyridinemethanol, 4-(4-fluorophenyl)-2,6-bis(1-methylethyl)-5-(4-morpholinylmethyl)- (CA INDEX NAME)

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L15 ANSWER 6 OF 6 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1990:55616 HCAPLUS

DOCUMENT NUMBER: 112:55616

ORIGINAL REFERENCE NO.: 112:9547a,9550a

TITLE: Preparation of 7-(4-aryl-3-pyridyl)-3,5-dihydroxy-6-

heptenoates and analogs as hypocholesteremics Angerbauer, Rolf; Fey, Peter; Huebsch, Walter;

Philipps, Thomas; Bischoff, Hilmar; Petzinna, Dieter;

Schmidt, Delf; Thomas, Guenter

PATENT ASSIGNEE(S): Bayer A.-G., Fed. Rep. Ger.

SOURCE: Eur. Pat. Appl., 132 pp.

CODEN: EPXXDW

INVENTOR(S):

DOCUMENT TYPE: Patent LANGUAGE: German

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PAT	ENT NO.			KIND DATE			API	PLICATION NO.		DATE
EP	325130			A2 A3 B1		19890726 19901205 20031105		1989-100250		19890109
	R: AT,	BE,	CH,	DE,	ES,	FR, GB,	GR, I	T, LI, NL, SE		
	3801406	•	•	A1		19890727	DE	1988-3801406		19880120
NO	8900047			А		19890721	NO	1989-47		19890105
NO	177005			В		19950327		1989-47		
NO	177005			С		19950705				
EP	1123924			AI		20010816	EP	2001-109309		19890109
	R: AT,	BE,	CH,	DE,	ES,	FR, GB,	GR, I	T, LI, NL, SE		
EP	1123925			A1		20010816	EP	2001-109310		19890109
AT	253560			${f T}$		20031115	AT	I, LI, NL, SE 1989-100250 1989-100250 1989-100326 1989-325090 1989-258		19890109
ES	2210221			Т3		20040701	ES	1989-100250		19890109
CN	1034364			А		19890802	CN	1989-100326		19890117
CN	1055684			С		20000823				
DD	283400			A5		19901010	DD	1989-325090		19890117
FΙ	8900258			A		19890721	FΙ	1989-258		19890118
FΙ	93007			В		19941031				
FΙ	93007			С		19950210				
C11	1340/30					10001020	C11	1000000		10000110
AU	8928617			Α		19890720		1989-28617		19890119
	642127					19931014				
	8900233			А		19890721		1989-233		19890119
	01216974					19890830	JP	1989-8770		19890119
	2558344					19961127				
	8900429			А		19900228	ZA	1989-429		19890119
	50776			A2		19900328	HU	1989-214		19890119
	210727			B A2		19950728				
	52053			A2		19900628	HU	1989-5141		19890119
	132432			BI		19980417	KR	1989-550		19890119
	1274719			А		20001129	CN	2000-102357		20000217
PRIORITY	APPLN.	INFO	.:				DE	1989-5141 1989-550 2000-102357 1988-3801406	А	19880120
							IT	1988-21317 1989-100250	A	19880711
СТ							EP	1989-100250	A3	19890109

GΙ

AB The title compds. [I; A = (un)substituted aryl, heteroaryl; B =

cycloalkyl, (un) substituted alkyl; D,E = H, cyano, NO2, cycloalkyl, (un) substituted alkyl, heteroaryl, aryl, etc.; DE = COZ(CH2)m, WZCR13R14(CH2)m; R = CH(OH)CH2CR21(OH)CH2CO2R22, Q; R13, R14 =(un) substituted aryl, aralkyl, heteroaryl; R21 = H, alkyl; R22 = H, alkyl, aryl, aralkyl, cation; W = CO, CHOH; X = CH2CH2, CH:CH; Z = O, S, CH2, (un) substituted imino; m = 1-3] were prepared Thus, 4-FC6H4CH:C(COCHMe2)CO2Et (preparation given) was refluxed 18 h with Me2CHC(NH2):CHCO2Et in EtOH and the product stirred 1 h with DDQ (oxidizing agent) in CH2Cl2 to give phenylpyridinedicarboxylate II (R1 = R2 = CO2Et) which was converted in 4 steps to II (R1 = PhCH2OCH2, R2 = CHO). The latter was refluxed in THF with di-Et [2-(cyclohexylamino)vinyl]phosphonate which had been treated with NaH and the product refluxed with (CO2H)2 in PhMe to give II [R2 = (E)-CH:CHCHO] which was condensed with MeCOCH2CO2Me which had been treated with 2 equivalent amts. NaH to give, after reduction, title compound II [R1 = PhCH2OCH2, R2 = erythro-(E)-CH:CHCH:OH)CH2CH(OH)CH2CO2Me] which gave 66% reduction of serum cholesterol in dogs receiving 8 mg/kg orally daily.

IT 124894-12-8P

RN

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and reaction of, in preparation of hypocholesteremics) 124894-12-8 HCAPLUS

CN 3-Pyridinemethanol, 4-(4-fluorophenyl)-2,6-bis(1-methylethyl)-5-(4-morpholinylmethyl)- (CA INDEX NAME)

=> file caold COST IN U.S. DOLLARS SINCE FILE TOTAL ENTRY SESSION 597.01 FULL ESTIMATED COST 43.46 DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL. ENTRY SESSION -5.60 CA SUBSCRIBER PRICE -4.80

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L1
               STRUCTURE UPLOADED
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L2
              9 S L1 FULL
L3
    FILE 'HCAPLUS' ENTERED AT 11:05:44 ON 28 AUG 2008
L4
              1 S L3
    FILE 'CAOLD' ENTERED AT 11:06:26 ON 28 AUG 2008
L5
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L6
L7
              0 S L6
L8
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L9 STRUCTURE UPLOADED

L10 1 S L9

L11 STRUCTURE UPLOADED

L12 1 S L11

L13 19 S L11 FULL

FILE 'HCAPLUS' ENTERED AT 11:14:50 ON 28 AUG 2008

L147 S L13 L15 6 S L14 NOT L4

0 S L15 AND OI, S?/AU L16

L17 0 S L15 AND MAEZAKI, H?/AU L18 0 S L15 AND SUZUKI, N?/AU

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0 L13 L19